ABSTRACT OF THE DISCLOSURE

A mechanism for controlling connection parameters for a communication connection between network elements is disclosed. When the communication connection is initialized, an authorization for the connection parameters of services is requested from a policy control entity which decides on connection parameters to be authorized for the communication connection and on service types which can be provided for the communication connection. A decision message is sent to a communication control network element wherein the decision message comprises the authorization for the connection parameters, service types usable for the communication connection, and an information portion indicating, for each service, whether or not the policy control entity controls a further authorization regarding at least one of the indicated service types in the communication connection. The decision message is enforced in the communication connection by the communication control network element.